

CLAIMS

We claim:

1. A bag formed of a dual surface material wherein said dual surface material comprises:
 - a. an inside surface having a first coefficient of friction;
 - b. an outside surface having a second coefficient of friction higher than said first coefficient of friction.
2. The dual surface bag of claim 1, wherein said dual surface material is a plastic.
3. The dual surface bag of claim 1, wherein said dual surface material is a polymer.
4. The dual surface bag of claim 2, wherein said plastic material is a polyethylene material.
5. The dual surface bag of claim 1, wherein inside surface has a COF range of approximately 0.125 to 0.275 and said outside surface has a COF range of approximately 0.300 to 0.600.
6. The dual surface bag of claim 5, wherein said inside surface has a COF range of approximately 0.175 to 0.250 and said outside surface has a COF range of approximately 0.350 to 0.600.
7. The dual surface bag of claim 2, wherein said plastic comprises three layers.
8. The dual surface bag of claim 6, wherein said three layers further comprise:
 - a. a first layer having a COF range of approximately 0.175 to 0.250; and
 - b. a second layer having a Dart Impact of approximately 95 grams per mil; and
 - c. a third layer having a COF range of approximately 0.350 to 0.600.
9. The dual surface bag of claim 1, wherein said inside surface comprises a first plastic material having a density and said outside surface comprises a second plastic material having a lower density than said first plastic material, thereby biasing opposing inside surfaces of said bag away from one another.

10. The dual surface bag of claim 8, wherein said second plastic material exerts a curling force on said first plastic material.

11. An article of furniture covered with a plastic film bag comprising:

- a. an article of furniture;
- b. a plastic film bag covering said article wherein said plastic film comprises:
 - i. an inside surface having a first coefficient of friction;
 - ii. an outside surface having a second coefficient of friction higher than said first coefficient of friction.

12. A method of dividing a single web of plastic film into multiple webs for processing by multiple bag machines, said method comprising the steps of:

- a. providing a conveyer system for running a first web of plastic film in a bag processing line;
- b. slitting said first web of said plastic film into a second and third web;
- c. conveying said second and third web to separate bag machines to produce two sets of plastic film bags.

13. The method of claim 11, wherein said first web has a centerline and said step of slitting is performed approximately along said centerline

14. The method of claim 11, wherein said separate bag machines are offset from one another.

15. The method of claim 13, wherein said second and third webs are each conveyed to a separate winder, producing two separate rolls of plastic film bags.

16. A blown film extrusion process comprising the steps of:

- a. feeding a first source of resin to a blown film extrusion die such that said first source of resin forms an inner layer of film; and

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Cont'd

b. feeding a second source of resin having a lower density than said first source to said die such that said second source of resin forms an outer film layer.

17. The process according to claim 15, further comprising the step of feeding to said die a third source of resin having a higher strength than one of said first or second sources such that said third source of resin forms a middle film layer.

APPENDIX 3